EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL 1980-1981

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EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL

FROM THE U.S., CANADA, NORWAY, SWEDEN AND FINLAND

TO WORLD MARKETS

This is the 18th edition of the American Paper Institute's annual report on world exports of kraft linerboard and corrugating medium from the five major supplying countries. All data in the report are in short tons, and, for linerboard, both bleached and unbleached grades are combined. The analytical portion of the report treats certain historic data that have been generated since API began publishing the report in 1963. Canada's 1980 exports of kraft linerboard and corrugating medium were revised for certain countries based on new data from Statistics Canada. Therefore, Canada's total export figures and the World Total export figures for 1980 are slightly higher than the figures in the report issued in May 1981.

Although this report covers exports from five major supplying countries, we are aware that other countries which are not included in this report are becoming important exporters of kraft linerboard and corrugating medium. API's International Department is attempting to assemble data for these countries in order to provide a more complete analysis in future reports.

HIGHLIGHTS OF 1981

U.S. exports of kraft linerboard fell nearly 22 percent to 1,973,487 tons in 1981 from the record high of 2,527,245 tons in 1980. Declines in exports to Western Europe and to the People's Republic of China accounted for 50.1 percent and 26.2 percent, respectively, of the decline in total U.S. kraft linerboard exports in 1981. It should be noted that the 1981 export tonnage was second only to last year's record exports and 20 percent higher than 1979 exports. Canada's exports fell by more than 18 percent in 1981 after registering a strong gain in 1980. In contrast, exports by Sweden and Finland in 1981 were higher than 1980 levels, but were still lower than their respective 1979 export volumes. For the five countries covered in this report, kraft linerboard exports were 13.5 percent below their 1980 level. (See Table 1.)

Table 1

EXPORTS OF KRAFT LINERBOARD

				Percentage Change	
	1981	1980	1979	1980/81	1979/80
United States	1,973,487	2,527,245	1,644,901	- 21.9	+ 53.6
Sweden	945,097	893,517	953,804	+ 5.8	- 6.3
Canada	295,237	361,295	287,377	- 18.3	+ 25.7
Finland	283,043	261,407	350,516	+ 8.3	- 25.4
Norway	10,631	10,762	14,746	- 1.2	- 27.0
TOTAL	3,507,495	4,054,226	3,251,344	- 13.5	+ 24.7

Changes in export volumes generated changes in the share of total export tonnage from the exporting countries. (See Table 2.) The U.S. share of total 1981 exports was 56.3 percent, down from 62.3 percent in 1980. In 1971, the U.S. share was 67.3 percent. Sweden's 1981 share rose to 26.9 percent from 22 percent in 1980. In the last ten years, Sweden's highest export share was in 1978 when it accounted for 30.6 percent of the total export volume from the five supplying countries.

Table 2

PERCENTAGE DISTRIBUTION OF KRAFT LINERBOARD EXPORTS WORLDWIDE

AMONG THE FIVE SUPPLYING COUNTRIES IN SELECTED YEARS

	U.S.	Sweden	Canada	Finland	Norway
			(In Percent)		
1981	56.3	26.9	8.4	8.1	0.3
1980	62.3	22.0	8.9	6.4	0.3
1979	50.6	29.3	8.8	10.8	0.5
1978	49.2	30.6	9.0	10.6	0.6
1977	47.9	27.0	13.2	10.9	1.0
1976	51.4	21.6	11.5	14.7	0.8
1975	59.6	17.7	9.6	12.3	0.8
1974	53.2	18.9	12.6	14.6	0.7
1973	53.6	20.5	10.1	15.0	0.8
1972	61.1	17.2	7.2	13.7	0.8
1971	67.3	15.5	5.9	10.6	0.7
1970	66.0	15.0	7.5	10.8	0.7

Exports of corrugating medium in 1981 from the five supplying countries were 746,357 tons, 7.9 percent less than in 1980 and the first decline after five consecutive yearly increases. (See Table 3.)

Table 3

EXPORTS OF CORRUGATING MATERIAL

				Percentage Change	
	1981	1980	1979	1980/81	1979/80
Sweden	231,337	251,473	271,371	- 8.0	- 7.3
Finland	225,475	246,742	255,149	- 8.6	- 3.3
Canada	169,961	201,180	156,137	- 15.5	+ 28.8
United States*	65,821	62,884	17,361	+ 4.7	+ 262.2
Norway	53,760	47,950	47,538	+ 12.1	+ 0.9
TOTAL	746,354	810,229	747,556	- 7.9	+ 8.4

*See the Statistical Note, on page xxv, for an explanation of the U.S. figures.

REVIEW OF IMPORTING AREAS

General Overview

The three tables that follow provide an overview of kraft linerboard imports by ten geographic areas from the five major exporting countries. Imports by seven of the ten geographic areas declined in 1981. (See Table 4.) The range of decline was quite wide, with imports by South America off by less than one percent, while imports by the People's Republic of China were down by 46.4 percent from 1980. Imports by Western Europe, the largest purchaser, were down by close to 13 percent in 1981. The only significant gain, though from a small base, was the 30.1 percent jump in imports by the Near and Middle East. The percentage distribution of imports by geographic area remained relatively stable in 1981 when compared to 1980 with the exception of the People's Republic of China, whose share declined, and the Near and Middle East, whose share rose. (See Table 5.) In reviewing the average annual growth rates of kraft linerboard imports by geographic areas from 1965 to 1981, one should view the data for the three periods with caution, because fluctuations within each period, which have been substantial, are not taken into account. It should be further noted that the large growth rate in the People's Republic of China is from a very small base as is the case in Oceania and the Far East, Africa and the Near and Middle East. The measure of average annual growth rate for North America reflects intra-regional trade only. (See Table 6.)

Table 4

WORLD MARKETS FOR EXPORTS OF KRAFT LINERBOARD

	Tonnage			Percentage Change	
	1981	1980	1979	1980/81	1979/80
North America*	84,995	65,511	75,435	+ 29.7	- 13.2
Total Western Europe	1,873,369	2,148,180	2,040,994	- 12.8	+ 5.3
Central America and Mexico	275,457	337,375	278,651	- 18.4	+ 21.1
Caribbean and Other Islands	71,055	71,509	54,894	- 0.6	+ 30.3
South America	133,399	133,897	114,583	- 0.4	+ 16.9
Near and Middle East	169,128	130,004	132,491	+ 30.1	- 1.9
Africa	216,575	274,106	126,397	- 21.0	+116.9
Oceania and Far East	432,472	496,308	357,483	- 12.9	+ 38.8
U.S.S.R./Eastern Europe	73,942	66,761	56,643	+ 10.8	+ 17.9
People's Republic of China	177,103	330,575	13,773	- 46.4	n.m.
TOTAL	3,507,495	4,054,226	3,251,344	- 13.5	+ 24.7

*Intra-regional trade only.

n.m. - not meaningful

Table 5

PERCENTAGE DISTRIBUTION BY GEOGRAPHIC AREA OF TOTAL KRAFT LINERBOARD EXPORTS FROM THE FIVE SUPPLYING COUNTRIES IN SELECTED YEARS

	1981	1980	1979	1970	1965
			(In Percent)		
North America*	2.4	1.6	2.3	0.7	0.6
Western Europe	53.4	53.0	62.8	69.6	75.2
Enlarged EC of Nine	48.9	48.5	58.1	--	--
Central America and Mexico	7.9	8.3	8.6	9.0	6.4
Caribbean and Other Islands	2.0	1.8	1.7	1.5	1.3
South America	3.8	3.3	3.5	5.6	5.5
Near and Middle East	4.8	3.2	4.1	4.0	2.6
Africa	6.2	6.8	3.9	4.1	2.5
Oceania and Far East	12.3	12.2	11.0	3.9	4.3
U.S.S.R./Eastern Europe	2.1	1.6	1.7	0.5	1.5
People's Republic of China	5.1	8.2	0.4	1.1	0.1
TOTAL	100.0	100.0	100.0	100.0	100.0

*Intra-regional trade only.

Table 6

AVERAGE ANNUAL GROWTH RATES OF KRAFT LINERBOARD IMPORTS BY GEOGRAPHIC AREAS

	1965-1971	1971-1976	1976-1981	1965-1981
		(In Percent)		
North America*	+ 15.3	+ 27.7	+ 3.2	+ 15.0
Western Europe	+ 9.2	- 3.4	+ 1.5	+ 2.7
Enlarged EC of Nine		- 3.3	+ 1.3	
Central America and Mexico	+ 15.6	+ 1.4	+ 0.7	+ 6.3
Caribbean and Other Islands	+ 12.8	+ 14.2	- 4.1	+ 7.6
South America	+ 8.8	- 9.2	+ 7.9	+ 2.5
Near and Middle East	+ 18.0	+ 4.6	+ 3.6	+ 9.1
Africa	+ 18.8	+ 4.2	+ 8.7	+ 10.9
Oceania and Far East	+ 13.4	- 2.4	+ 22.0	+ 12.1
U.S.S.R./Eastern Europe	- 36.2	+111.4	+ 1.9	+ 7.4
People's Republic of China	+ 7.2	+ 33.0	+ 56.6	+ 31.4
TOTAL	+ 10.2	- 1.1	+ 4.9	+ 4.9

*Intra-regional trade only.

Five leading importing countries accounted for 45 percent and 42.1 percent, respectively, of 1981 worldwide exports of kraft linerboard and corrugating medium by the five supplying countries. Although Japan's imports of kraft linerboard decreased by close to 18 percent in 1981 from their 1980 level, Japan appeared for the first time among the five largest importers of kraft linerboard.

See Tables 7 and 8 for a list of the five leading importing countries of kraft linerboard and of corrugating medium for the last three years and their respective rank.

Table 7

EXPORTS OF KRAFT LINERBOARD TO THE FIVE LARGEST IMPORTING COUNTRIES

FROM THE FIVE SUPPLYING COUNTRIES

1981		1980		1979	
Country	Tonnage	Country	Tonnage	Country	Tonnage
United Kingdom	588,910	United Kingdom	614,357	United Kingdom	614,026
Germany	392,728	Germany	477,493	Germany	447,060
France	251,394	People's Republic of China	330,575	France	258,513
People's Republic of China	177,103	France	259,937	Italy	182,308
Japan	169,884	Italy	231,293	Netherlands	146,144

Table 8

EXPORTS OF CORRUGATING MEDIUM TO THE FIVE LARGEST IMPORTING COUNTRIES

FROM THE FIVE SUPPLYING COUNTRIES

1981		1980		1979	
Country	Tonnage	Country	Tonnage	Country	Tonnage
United Kingdom	79,123	United Kingdom	93,220	United Kingdom	98,393
United States	69,994	People's Republic of China	71,886	France	74,329
France	67,211	Germany	68,590	Germany	56,702
Germany	56,267	France	67,164	Netherlands	48,979
Italy	41,880	Italy	49,406	United States	44,262

Western Europe

In 1981, kraft linerboard imports by the countries of Western Europe from the five supplying countries fell by 12.8 percent, or 274,811 tons, to 1,873,369 tons. Total imports were hurt by the economic slump which, to varying degree, affected all the countries in the area. The countries of the European Community purchased 92 percent of kraft linerboard shipments to Western Europe.

The decline in Western Europe's import tonnage was also marked by a shift in the area's sources of supply. During 1981, the Nordic exporters increased their kraft linerboard exports to the area by 5.7 percent, to 1,080,980 tons. Furthermore, their share of the area's imports rose from 47.6 percent in 1980 to 57.7 percent in 1981. Sweden was the main beneficiary of the shift and became the largest supplier to the area. In contrast, exports from the U.S. to the area fell to 637,217 tons, 281,000 tons less than in 1980. The strength of the U.S. dollar and the discrepancy between tariff rates applied by the European Community to U.S. kraft linerboard versus kraft linerboard imported from Nordic countries undoubtedly were key factors in a decrease of U.S. competitiveness and resulting loss of market share compared to 1980. (The EC tariff on U.S. kraft linerboard was 8 percent in 1980 and 1981 while the EC tariff on Nordic kraft linerboard was 6 percent in 1980 and 4 percent in 1981.)

The United Kingdom continued to be the largest importer of kraft linerboard. During 1981, 588,910 tons were imported, 4.1 percent less than in 1980. The relatively strong level of imports, despite the severe economic recession that besieged the country during most of the year, may be explained by the reported 10 percent decline in domestic testliner production. Shipments to Germany (392,728 tons) fell by about 18 percent, or 84,765 tons. Exports to Germany were apparently displaced by the reported 90,000 ton increase in domestic testliner production. German imports from the U.S. suffered the largest volume loss, dropping 76,011 tons to 166,840 tons. Shipments to Italy (106,302 tons) suffered a dramatic decline in 1981, falling by 54 percent (124,991 tons) from the 1980 import level. Imports from the U.S. declined from 160,750 tons to 78,528 tons during this period. Although the slowdown in domestic economic activity may have accounted for part of the decline, it appears that Italy's imports of kraft linerboard were also displaced by increased domestic production and imports of testliner. France maintained a relatively strong level of imports (251,384 tons, down 3.3 percent from 1980) despite a 4.7 percent increase in domestic kraft linerboard production (to about 330,000 tons) during the same period.

Corrugating medium exports to Western Europe fell by 9.8 percent to 414,323 tons in 1981. Sweden with 194,661 tons and Finland with 167,060 tons supplied 47 percent and 40.3

percent of the area's imports, respectively. The United Kingdom (79,123 tons), France (67,211 tons), and Germany (56,267 tons) were the leading importers in Western Europe.

North America

Virtually all shipments of kraft linerboard and corrugating medium for this area reflected intra-regional trade. In 1981, Canada shipped 46,084 tons of kraft linerboard and 69,994 tons of corrugating medium to the U.S., while the U.S. shipped 38,877 tons of kraft linerboard and 689 tons of corrugating medium to Canada. The U.S. imported 27,286 tons more corrugating medium from Canada in 1981 than in 1980. Containerboard imports are largely made by box makers located close to the border, who find it more economical and convenient to import from a nearby mill rather than to purchase containerboard from a domestic manufacturer located considerably further away.

Central America

Imports of kraft linerboard by the countries of Central America fell by 18.4 percent to 275,457 tons. Each of the countries in the area imported less kraft linerboard than in 1980. Except for a small amount from Canada, all imports in 1981 were from the U.S.

Although each country in the area had unique problems, traditionally, the area's imports of kraft linerboard have been tied to the health of their exports of agricultural commodities, which during 1981 were depressed by the worldwide recession. Costa Rica, the leading importer in the area, purchased 84,699 tons, 4.1 percent less than in 1980. Honduras (64,659 tons, down 24.7 percent) and Panama (48,925 tons, down 24.5 percent from 1980) were the next leading importers.

Imports of corrugating medium by Central America were 49,037 tons, 5 percent off 1980 imports. Honduras (23,619 tons) and Costa Rica (14,947 tons) were the area's two leading importers. Canada with 28,815 tons and the U.S. with 20,222 tons supplied all of the corrugating medium imported by the area.

Caribbean and Other Islands

Imports by countries of the Caribbean suffered only a slight decline in 1981, dropping by less than one percent to 71,055 tons. Cuba, the largest importer in the area, purchased 23,251 tons, 8.4 percent less than last year. Canada supplied most of Cuba's imports. The French West Indies, which only imported 6,739 tons in 1980, returned as an important market in the region with 18,073 tons in 1981. The U.S. supplied 67.2 percent and Canada 32 percent of the area's kraft linerboard imports.

South America

Kraft linerboard imports by the countries of South America were off by only 0.4 percent during 1981, at 133,399 tons. Two countries, Colombia (70,876 tons) and Ecuador (42,277 tons) represented about 85 percent of the area's total imports. The increase in Colombia's imports, which were 27.6 percent higher than the previous year, offset most of the combined losses of the other countries in the area. The U.S. supplied 98 percent of the kraft linerboard exported to this area, slightly higher than in the previous year.

South American imports of corrugating medium recouped the losses suffered in 1980. Imports went up by 10,525 tons to 39,199 tons in 1981, only slightly less than the 39,336 tons imported in 1979. Almost all of the increase in the area's imports was due to higher purchases by Ecuador whose imports rose by 38 percent, to 33,981 tons. Canada was the leading supplier of corrugating medium to the area, supplying 83 percent of imports. While U.S. exports were relatively small, the U.S. share of the area's imports increased from 7.5 percent in 1980 to 17.5 percent in 1981.

Near and Middle East

Imports of kraft linerboard by this area registered a 30.1 percent increase (up 39,124 tons) over the previous period, to 169,129 tons. The U.S. supplied close to 76 percent of the area's imports. Israel, the area's leading importer, purchased 85,417 tons, or 49 percent more than in 1980, but shy of the 88,750 tons imported in 1979.

Imports of corrugating medium were 48,700 tons in 1981, up one percent from 1980. Israel (15,170 tons) and Iran (13,131 tons) were the largest purchasers. Finland supplied 60 percent of the area's imports.

Africa

Kraft linerboard imports by this area fell by 21 percent in 1981 to 216,575 tons, from the record 274,106 tons in 1980. Most of the major importers purchased less kraft linerboard in 1981 than in the previous year. In general, kraft linerboard imports were down because of economic slowdown caused by dampened demand for the raw materials and agricultural products which represent most of the area's exports.

Nigeria continued to be the leading importer in the area although its imports of 53,278 tons were 20 percent less than in 1980. The Canary Islands continued to be a strong market for kraft linerboard, importing 36,113 tons. Egypt imported 33,355 tons, 40 percent less than the previous year which saw Egypt's imports take a spectacular 560 percent jump to 57,751 tons. Such wide swings in Egypt's year-to-year imports are not inconsistent with the import pattern established over the past decade. Imports by South Africa were 23,386 tons, 27.3 percent less than in 1980. Traditionally an important market in the area, South Africa's imports may not rebound because of reported domestic capacity increases in linerboard.

The U.S. continued to be the dominant supplier to the area accounting for 85.5 percent of imports. Moreover, the U.S. supplied 96 percent of the kraft linerboard imported by the five leading importing countries in the area.

Imports of corrugating medium were 59,724 tons, down 3.2 percent from 1980. Sweden and Finland supplied 68 percent of the area's imports while the U.S. supplied about 19 percent of imported medium up from less than seven percent in 1980.

Oceania and the Far East

Imports by the countries of Oceania and the Far East - the second largest importing area - were 432,472 tons in 1981 down 12.9 percent from 1980, but their share of total exports (12.3 percent) was about the same as in 1980. The U.S. supplied 82.5 percent of the area's imports and Canada supplied 15 percent. Japan accounted for close to 40 percent of the area's imports.

Japan's 1981 imports of 169,884 tons, were 17.6 percent less than in 1980, and reflected sluggish domestic demand for linerboard. In 1981, Japan's apparent consumption of linerboard was 3,056,000 tons, compared to 3,531,000 tons in 1980. Imports accounted for 7.4 percent of Japan's 1981 linerboard consumption. The U.S. supplied 74 percent of kraft

linerboard shipped to Japan in 1981 compared to about 79 percent in 1980 and 65 percent in 1979. Canada, Japan's other leading supplier, accounted for virtually all the balance of kraft linerboard shipped to Japan during the past three years.

Hong Kong, the second leading importer in the area, purchased 64,965 tons, eight percent less than in 1980, while the Philippines increased its imports to 50,978 tons, or 4,228 tons more than in 1980. The U.S. supplied virtually all shipments to Oceania and the Far East.

Imports of corrugating medium were 22,350 tons, down 33.5 percent from 1980. The area represented an insignificant market for corrugating medium, purchasing only three percent of total worldwide shipments by the five supplying countries. Indonesia (9,033 tons) and the Philippines (4,043 tons) purchased close to 60 percent of the area's imports.

U.S.S.R. and Eastern Europe

Kraft linerboard imports by the U.S.S.R. and Eastern Europe were 73,942 tons, up by close to 11 percent from 1980. The U.S.S.R. accounted for 97 percent of shipments to this area, with Finland the only supplier.

In 1981, this area imported no corrugating medium.

People's Republic of China

Imports of kraft linerboard by the People's Republic of China (PRC) were 177,103 tons, down by 46.4 percent from 1980. Although we have only limited knowledge of its industry, the sharp decline in imports can probably be regarded as an adjustment to the excessive surge in imports in 1980, when imports jumped from only 13,773 tons in 1979 to 330,575 tons and apparently greatly exceeded the PRC's converting capacity. The U.S. supplied 98 percent of the PRC's kraft linerboard imports from the five countries in this survey, but we understand that Japan has been an active exporter to the PRC in 1981.

The PRC imported 27,395 tons of corrugating medium down from 74,052 tons in 1980. All three suppliers to the PRC - U.S., Canada and Finland - lost tonnage with the U.S. suffering the sharpest drop from 34,051 tons in 1980 to 9,084 tons in 1981, thus making Canada the largest supplier in 1981, with 16,116 tons.

REVIEW OF EXPORTING COUNTRIES

United States

Overview

Total U.S. exports of kraft linerboard (both bleached and unbleached) fell to 1,973,487 tons in 1981 from the record 1980 level of 2,527,245 tons[1]. This represents a sharp 21.9 percent decline which is attributable to recessionary conditions in several world regions, the strength of the U.S. dollar, and the substantial drop in shipments to the People's Republic of China.

U.S. kraft linerboard exports to Western Europe in 1981 fell nearly 31 percent to 637,000 tons -- a decline exceeded only by the 44 percent drop in the 1975 recession year. U.S. shipments to the Oceania and Far Eastern region (including the People's Republic of China) were off 27 percent from 1980, reflecting the reduction in exports to China and Japan. (See Table 9 for a comparison by area of U.S. export tonnage in 1981 with the three preceding years and 1972.)

In 1981, exports of kraft linerboard accounted for 67 percent of total U.S. paperboard exports and 49 percent of total exports of paper and paperboard. Figures from the Bureau of Census indicate that about 13 percent of kraft linerboard produced was exported in 1981, lower than the 17 percent of production that was exported in 1980, but in line with the 12 percent ratio that prevailed in each year from 1976 through 1979.

1). According to the Bureau of the Census, the value of total U.S. exports of kraft linerboard in 1981 amounted to $660.3 million, compared to $770.9 million in 1980, a decline of 14.3 percent.

Table 9

U.S. EXPORTS OF KRAFT LINERBOARD BY AREA OF DESTINATION

- - - - - - - - - - - - - - - Tons - - - - - - - - - - - - - - -

	1981	1980	1979	1978	1972
Canada	38,877	26,082	54,606	39,129	18,532
Total Western Europe	637,217	918,633	711,138	623,159	1,073,360
Central America and Mexico	274,911	337,375	278,352	269,798	243,076
Caribbean and Other Islands	47,776	46,117	45,912	72,036	58,069
South America	131,292	130,280	109,969	146,405	137,481
Near and Middle East	127,779	98,613	100,588	107,158	98,507
Africa	185,180	240,555	69,663	79,779	95,921
Oceania and Far East	356,577	410,566	264,153	199,416	151,817
People's Republic of China	173,878	319,024	10,520	2,631	----
TOTAL	1,973,487	2,527,245	1,644,901	1,539,511	1,877,066*

*Includes 303 tons not distributed by area of destination.

U.S. Competitive Position

We have reviewed the 1981 U.S. export performance by comparing the U.S. share of total linerboard exports with the shares taken by the four other supplying countries. (See Table 10.) According to this measure of relative market penetration, the U.S. competitive position eroded somewhat in 1981. Virtually all of the loss in the U.S. market share occurred in the European Community. The U.S. share of the EC market slipped from 42.7 percent (837,889 tons) of total export tonnage from the five supplying nations in 1980 to 34.8 percent (596,782 tons) in 1981. In other major regions, U.S. market share remained relatively stable when compared to 1980.

Table 10

U.S. SHARE OF KRAFT LINERBOARD EXPORTS AS A PERCENTAGE OF TOTAL EXPORTS FROM THE FIVE SUPPLYING COUNTRIES

	1981	1980	1979	1978	1972
			(In Percent)		
Western Europe	34.0	42.8	34.8	33.5	49.6
Enlarged EC of Nine	34.8	42.7	35.0	34.0	51.1
Central America and Mexico	99.8	100.0	99.9	99.7	99.9
Caribbean and Other Islands	67.2	64.5	83.6	91.1	95.7
South America	98.4	97.3	96.0	95.4	99.8
Near and Middle East	75.6	75.9	75.9	65.6	80.5
Africa	85.5	87.8	55.1	57.8	87.0
Oceania and Far East	82.5	82.7	73.9	61.7	92.7
U.S.S.R./Eastern Europe	0.0	0.0	0.0	0.0	0.0
People's Republic of China	98.2	96.5	76.4	7.3	0.0
TOTAL	56.3	62.3	50.6	49.2	61.5

U.S. Exports by Region and Country

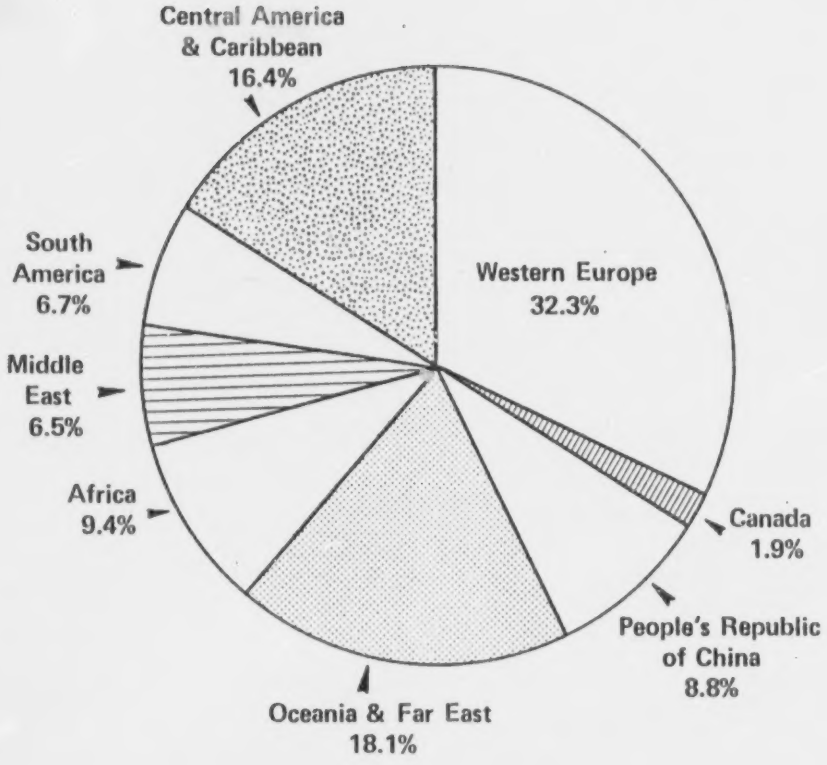
U.S. linerboard exports in 1981 continued the long-term trend toward greater regional market diversification. The U.S. shipped 32 percent of total exports to Western Europe, compared to 36 percent in 1980, 43 percent in 1979, and 57 percent in 1972. Still, on both a tonnage and percentage basis, Western Europe remained the largest market for U.S. kraft linerboard exports in 1981, but its share of total U.S. exports was the lowest of any year since API began compiling these data in 1963. The Oceania/Far East region (including the People's Republic of China) absorbed almost 27 percent (530,455 tons) of U.S. linerboard exports in 1981, a slight decline from 1980, but well ahead of the 17 percent share in 1979 and the 3.1 percent shaere in 1972. (See Table 9 on page xiii and Chart 1 for tonnage and percentage distribution by major regions.)

Chart 1

KRAFT LINERBOARD EXPORTS

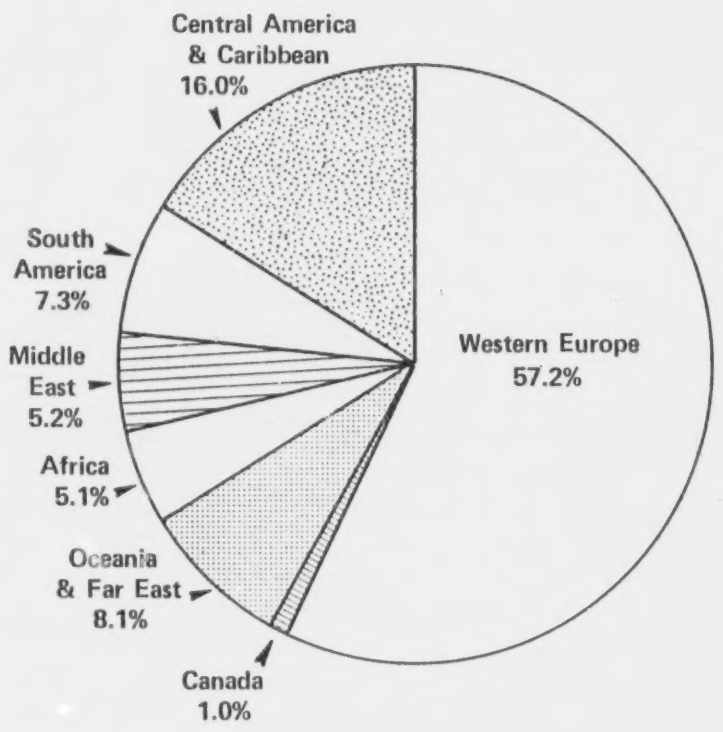
Percentage Distribution of U.S. Exports by Major Area of Destination

1981



1,973,487 Tons

1972



1,877,062 Tons

In 1981, the United Kingdom again became the largest individual country purchaser of U.S. kraft linerboard, a position it had lost in 1980 to the People's Republic of China. The only other change in the ranking of the largest individual country purchasers was the emergence of Costa Rica in fifth place with Italy dropping from fifth to seventh place. (See Table 11.)

Table 11

RELATIVE RANKING OF FIVE LARGEST CONSUMING COUNTRIES OF U.S. KRAFT LINERBOARD EXPORTS

1981		1980		1979	
Country	Tonnage	Country	Tonnage	Country	Tonnage
United Kingdom	267,803	People's Republic of China	319,024	United Kingdom	256,363
People's Republic of China	173,879	United Kingdom	304,681	Germany	176,722
Germany	166,840	Germany	242,851	Italy	100,625
Japan	125,888	Japan	162,348	Costa Rica	96,826
Costa Rica	84,699	Italy	100,625	Honduras	84,533
Five Countries as Percentage of Total Exports	42%		45%		44%

Sweden

Sweden's kraft linerboard exports in 1981 reached 945,097 tons, close to the record high of 956,710 established in 1978 and 5.8 percent above 1980. In part, the 1981-1980 comparison reflects the generally peaceful labor conditions last year. In 1980, Swedish exports were affected by strikes during the spring months. In 1981, Sweden increased its export volume by 51,580 tons with 92 percent of the increase resulting from gains in shipments to the European Community at a time when total imports by the Community from the five supplying countries fell by nearly 248,000 tons.

As a result, Sweden's share of kraft linerboard exports to the Community rose to 46.6 percent in 1981 from 38.3 percent in 1980, and this represents the highest market penetration by Sweden of the Community's kraft linerboard imports since API began publishing this report. Marginal gains in Sweden's share of exports from the five suppliers were achieved in Africa and Oceania/Far East, but in both cases Sweden's share was well below its percentage share in 1978 and 1979. (See Table 12.)

Table 12

SWEDISH SHARE OF KRAFT LINERBOARD EXPORTS AS A PERCENTAGE OF TOTAL EXPORTS

FROM THE FIVE SUPPLYING COUNTRIES IN SELECTED GEOGRAPHIC AREAS

	1981	1980	1979	1978	1972
Enlarged EC of Nine	46.8	38.3	42.4	42.0	22.8
Near and Middle East	18.3	18.6	10.8	23.8	0.1
Africa	9.9	8.2	32.2	33.0	3.2
Oceania and Far East	1.9	1.1	5.7	11.0	0.1
Total Swedish Kraft Linerboard Exports	26.9	22.0	29.3	30.6	17.2

Further evidence of the importance of the European Community to Sweden's exports of kraft linerboard is provided in Table 13. The Community accounted for about 84 to 85 percent of total Swedish exports, a ratio that has held relatively steady since the early 1970's.

Table 13

SWEDISH EXPORTS OF KRAFT LINERBOARD

	1981	1980	% Change 1980/81	Enlarged EC as % Of Total Exports 1981	1980
Total Exports	945,097	893,517	+ 5.8		
To Enlarged EC of Nine	799,854	752,623	+ 6.3	84.6	84.2

The United Kingdom returned to its traditional position as the largest individual importer of Swedish kraft linerboard in 1981, displacing Germany which held that position in 1980. The U.K., France and Germany together accounted for 61 percent of total Swedish worldwide export volume in 1981, compared to 57 percent and 58 percent in 1980 and 1979 respectively. (See Table 14.)

Table 14

RELATIVE RANKING OF THE FIVE LARGEST CONSUMING COUNTRIES OF SWEDISH KRAFT LINERBOARD EXPORTS

1981		1980		1979	
Country	Tonnage	Country	Tonnage	Country	Tonnage
United Kingdom	201,214	Germany	183,230	United Kingdom	196,985
France	193,565	United Kingdom	167,317	Germany	186,955
Germany	182,576	France	157,217	France	166,137
Netherlands	81,959	Netherlands	68,638	Italy	71,856
Denmark	52,098	Italy	67,555	Netherlands	65,944
Five Countries As Percentage of Total Exports	75%		72%		72%

Swedish production of unbleached kraft linerboard amounted to 1,018,392 tons in 1981, an increase of 5.6 percent over 1980. The volume of unbleached kraft linerboard exports in 1981 was 920,250 tons, a gain of 4.8 percent compared to 1980. Bleached kraft linerboard production rose to 117,025 tons in 1981, 12.5 percent higher than the previous year. However, exports of bleached kraft linerboard fell 24 percent to 24,847 tons in 1981, marking the second consecutive year in which exports of this grade declined.

Swedish exports of corrugating medium fell 8 percent in 1981 to 231,337 tons. While Sweden remains the world's largest exporter of corrugating medium, 1981 is the second year in a row that corrugating medium exports have declined. For the ranking of Swedish exports of corrugating medium by country of destination, see Table 15.

Table 15

RELATIVE RANKING OF THE FIVE LARGEST CONSUMING COUNTRIES

OF SWEDISH CORRUGATING MEDIUM

1981		1980		1979	
Country	Tonnage	Country	Tonnage	Country	Tonnage
France	36,060	United Kingdom	37,483	United Kingdom	42,781
Italy	34,494	Italy	35,633	France	38,590
United Kingdom	31,680	France	35,486	Italy	26,594
Denmark	26,083	Germany	25,923	Netherlands	25,168
Germany	20,209	Denmark	22,980	Denmark	22,973
Five Countries As Percentage of Total Exports	64%		63%		58%

Sweden's share of worldwide exports of corrugating medium from the five supplying countries was unchanged in 1981 from 1980. As a percentage of total exports of corrugating medium, the Community accounted for 73 percent of Swedish exports, only marginally less than in 1980. (See Table 16.)

Table 16

SWEDISH EXPORTS OF CORRUGATING MATERIAL

			% Change	Enlarged EC As % Of Total Exports		Sweden's % Share Of Total Exports From Five Supplying Countries	
	1981	1980	1980/81	1981	1980	1981	1980
Total Exports	231,337	251,473	- 8.0			31.0	31.0
To Enlarged EC of Nine	168,901	185,535	- 9.0	73.0	73.8	44.1	48.5

Finland

With kraft linerboard exports amounting to 283,043 tons in 1981, Finland's exports rose 8.3 percent from 1980, a slightly greater percentage gain than Sweden's, the only other supplying country to increase its exports. However, at this level, Finnish exports were still below their 1979 total (350,516 tons) and well under the record volume set in 1974 (477,479 tons). The increase in kraft linerboard exports in 1981 resulted in a slight recovery in Finland's share of exports from the five supplying countries (1981: 8.1 percent; 1980: 6.4 percent).

Finland's exports to the European Community recorded a small 3.5 percent gain in 1981, following the very sharp 31.4 percent drop in 1980. Shipments rose to all members of the enlarged Community with the exceptions of Belgium/Luxembourg, Ireland, and the U.K. where a quite modest decline occurred. Finland's shipments to the U.S.S.R. and Eastern Europe rose 17.5 percent to nearly 74,000 tons in 1981. Shipments to Oceania/Far East were also up slightly as were those to South America. Gains in exports to the above regions were sufficient to offset a steep decline in exports to the People's Republic of China and moderate decreases in Central America and Mexico, and the Caribbean.

The United Kingdom continued to be the largest single purchaser of kraft linerboard from Finland (51,814 tons) followed by Germany (40,389 tons) and France (23,691 tons). It is important to note that Finnish exports of kraft linerboard continue to exhibit a trend toward greater market diversification. In 1978, Finland shipped 71 percent of its exports to the EC. That percentage fell to 65 percent in 1979, 60 percent in 1980, and in 1981, the EC purchased just 57 percent of total Finnish kraft linerboard exports.

Exports of corrugating medium in 1981 fell 8.6 percent to 225,475 tons. Except for the Middle East and Oceania/Far East, shipments were below their 1980 levels in all world regions. Within the European Community, shipments to Italy, Germany, the Netherlands and the U.K. were down substantially from 1980, contributing to an overall 8.6 percent decrease in corrugating medium exports to the Community. The U.K., France, and Germany remained the three largest consumers, in that order, despite the decrease in shipments to both the U.K. and Germany.

Tables 17 and 18 show Finnish exports of kraft linerboard and corrugating medium during the past two years.

Table 17

FINNISH EXPORTS OF KRAFT LINERBOARD

			% Change	Enlarged EC as % Of Total Exports		Finland's % Share Of Total Exports From Five Supplying Countries	
	1981	1980	1980/81	1981	1980	1981	1980
Total Exports	283,043	261,407	+ 8.3			8.1	6.4
To Enlarged EC of Nine	162,173	156,641	+ 3.5	57.3	59.9	9.4	7.9

Table 18

FINNISH EXPORTS OF CORRUGATING MEDIUM

			% Change	Enlarged EC as % Of Total Exports		Finland's Share Of Total Exports From Five Supplying Countries	
	1981	1980	1980/81	1981	1980	1981	1980
Total Exports	225,475	246,742	- 8.6			30.2	30.5
To Enlarged EC of Nine	144,886	154,114	- 6.0	64.3	62.5	42.0	40.3

Canada

Canada suffered significant losses in its 1981 kraft linerboard xports - down 18.3 percent to 295,237 tons. The 1981 export volume was about three percent higher than in 1979. Canada's exports accounted for 8.4 percent of the total kraft linerboard shipments of the five supplying countries, down from 8.9 percent in 1980. Canada's 1981 export share was the lowest since the 7.2 percent share in 1972. Canada achieved its highest penetration -- 13.2 percent -- in 1977.

Export shipments were down to all geographic areas, with the major exception of the U.S. The countries of Western Europe, who account for more than fifty percent of Canada's exports, purchased 155,172 tons, down 25 percent from 1980. Ninety percent of Canada's 1981 exports to Western Europe went to the European Community.

Belgium and Luxembourg (69,646 tons) were the leading importers, followed by the United Kingdom (60,437 tons) and Japan (43,996 tons).

Exports of corrugating medium were 169,961 tons, off 15.5 percent from 1980. The U.S., traditionally Canada's leading customer, purchased 41 percent of Canada's shipments, almost doubling its share of total exports of corrugating medium from the previous period.

Table 19 shows Canada's exports of both grades during the last three years.

Table 19

CANADIAN EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL

				Changes In:			
				Tonnage		Percentage	
	1981	1980	1979	1980/81	1979/80	1980/81	1979/80
Kraft Linerboard	295,237	361,295	287,377	-66,058	+73,918	- 18.3	+ 25.7
Corrugating Material	169,961	201,180	156,137	-31,219	+45,043	- 15.5	+ 28.8

Norway

In 1981, Norway's exports of kraft linerboard were 10,631 tons, just marginally less than in the previous year. This marked the fourth consecutive decline in kraft linerboard exports since the record high (28,861 tons) was set in 1977.

Norway shipped 89 percent of its kraft linerboard to Western Europe and most of the remainder (9.4 percent) to Africa. The United Kingdom (7,642 tons), Germany (1,022 tons) and Ghana (962 tons) accounted for 90 percent of Norway's total exports.

Corrugating medium exports rose by 12.1 percent to 53,760 tons. This marked the highest export level since 1971. The United Kingdom (9,786 tons) and Belgium-Luxembourg (7,353 tons) were the leading purchasers of corrugating medium.

Table 20 shows Norway's exports of kraft linerboard and corrugating medium during the last three years.

Table 20

NORWEGIAN EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL

				Changes In:			
				Tonnage		Percentage	
	1981	1980	1979	1980/81	1979/80	1980/81	1979/80
Kraft Linerboard	10,631	10,762	14,746	- 131	- 3,984	- 1.2	- 27.0
Corrugating Material	53,760	47,950	47,538	+5,810	+ 412	+ 12.1	+ 0.9

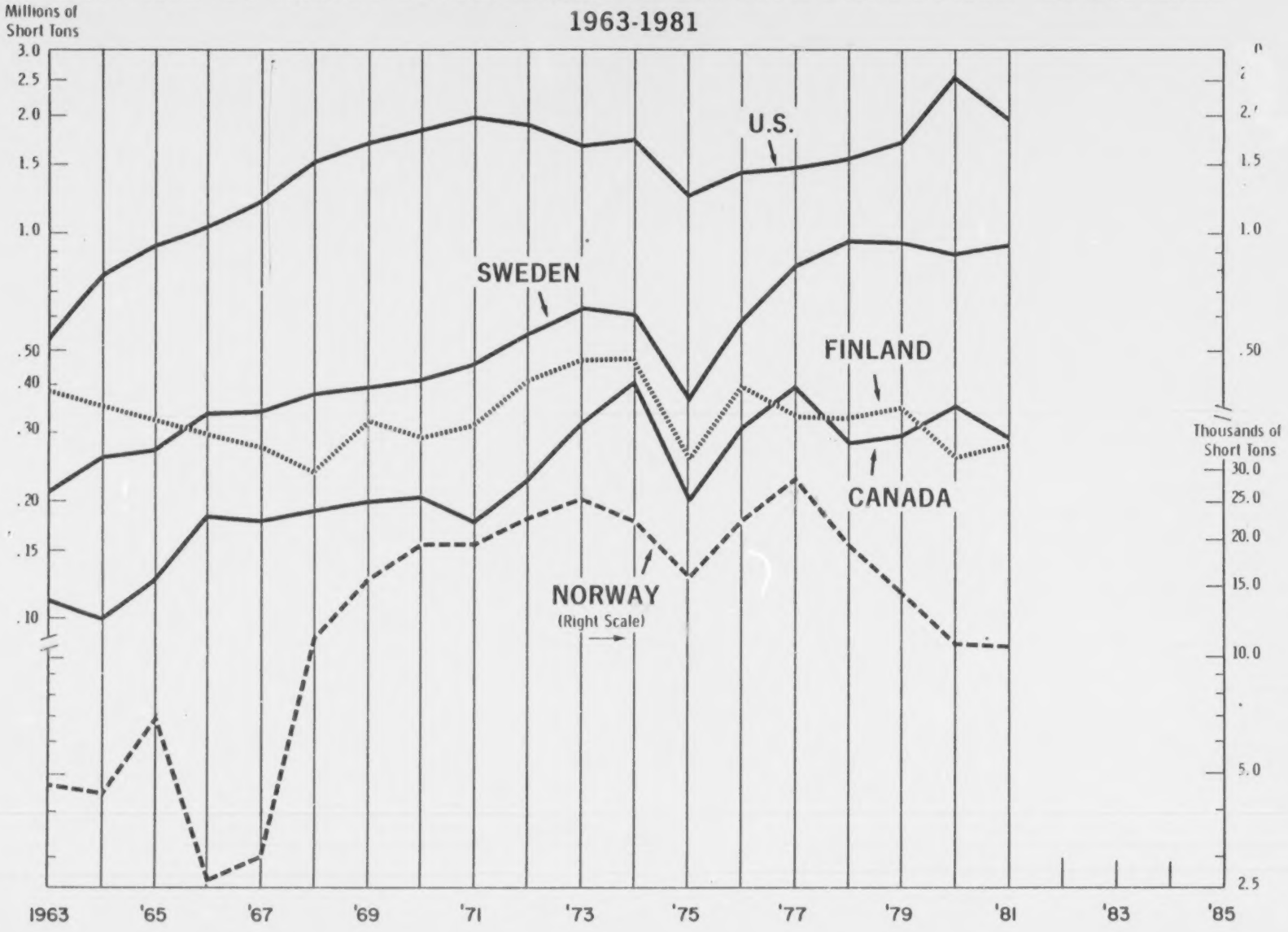
Export Growth of Kraft Linerboard from 1963 to 1981

Chart 2, on the following page, shows on a logarithmic scale the exports of kraft linerboard for each of the five supplying countries from 1963 through 1981. API has detailed data for all five countries for each of the years covered in the chart.

Chart 2

EXPORTS OF KRAFT LINERBOARD FROM FIVE SUPPLYING COUNTRIES

1963-1981



STATISTICAL NOTE

1. Sources

The Bureau of the Census of the U.S. Department of Commerce is the source for the U.S. data published in this report on kraft linerboard (combining unbleached and bleached grades) and corrugating medium.

The pulp and paper associations for the four other supplying countries have provided the data published in this report for their respective countries. We have used information available from all other sources to verify as much as possible the accuracy of the data in this report. It should be noted, however, that there will be some discrepancies between these data and the governmental figures which will be published later this year by importing countries.

2. Comparison Between Bureau of the Census and FKBG Data

As in the past, we have compared the Census data with the figures collected by the API Fourdrinier Kraft Board Group on "production of kraft linerboard and corrugating medium for export."

There has always been some discrepancy between the Bureau of the Census data on actual export shipments of unbleached kraft linerboard and corrugating medium, and the FKBG data on production for export of these grades. The table below provides the comparative data for the past three years. Past experience suggests that in comparing FKBG with Census data, it is more significant to look at the total containerboard shipments rather than at kraft linerboard and corrugating medium separately. Unfortunately, the discrepancy for corrugating medium continues to be large and not fully explainable.

	1981		1980		1979	
	Census Bureau Export Shipments	FKBG Production for Export	Census Bureau Export Shipments	FKBG Production for Export	Census Bureau Export Shipments	FKBG Production For Export
	(1,000 tons)		(1,000 tons)		(1,000 tons)	
Kraft Linerboard	1,973	1,887	2,527	2,380	1,645	1,621
Corrugating Medium	66	190	63	322	17	92
Containerboard	2,039	2,042	2,590	2,702	1,662	1,713

In addition, the Fourdrinier Kraft Board Group indicates that actual export shipments of containerboard amounted to 1,919,277 tons in 1980, 120,000 tons less than the comparable Census Bureau figure.

We believe that the Fourdrinier Kraft Board Group data provide an accurate benchmark against which to compare the Census Bureau data. It is, of course, highly improbable that there could be an exact reconciliation between the two sets of figures. We have mentioned in past editions of this report several factors which should be considered when comparing the data from the two sources. The following are worth repeating:

-- Production of unbleached kraft linerboard for export was 1,887,000 tons in 1981, while actual export shipments amounted to 1,782,000 tons, according to the API Fourdrinier Kraft Board Group. Both figures include a small, unquantifiable amount of kraft paperboard for uses other than as containerboard.

-- The members of the API Fourdrinier Kraft Board Group produce a substantial amount of mottled white linerboard for export. This product is classified as an unbleached grade by API, but it is most likely reported as bleached linerboard by the Census Bureau. This is undoubtedly one cause for the obvious inflation of the Census Bureau figure on exports of bleached kraft linerboard (151,983 tons) in 1981. The API Capacity Survey shows that the 1981 capacity for this grade of solid bleached paperboard was only 108,000 tons, and we know that only a small percentage of the amount produced was exported.

-- Some of the exports of corrugating medium are probably reported as kraft linerboard in the data collected by the Bureau of the Census.

-- There is some time lag between the reported production for export by companies and the actual shipping. When these shipping data are picked up by the Census Bureau it creates a normal but unavoidable reason for some discrepancies.

We express our sincere appreciation to the pulp and paper associations in Canada, Finland, Norway, and Sweden for providing the information that makes this report possible. We also thank members of the API staff who assisted in the preparation of this report. They included Mr. Joseph Nicolello, Assistant Manager of Fiber and International Data Services, and Mr. Thomas Murray, Statistical Analyst.

Should you have any questions concerning this report, please contact Mr. D. Kelly Jones, Director, International Services, Mr. Jacob Handelsman, Associate Director, Research, or myself.

Irene W. Meister

Irene W. Meister
Vice President, International

EXPORTS OF KRAFT LINERBOARD AND CORRUGATING MATERIAL

1980 and 1981

UNITED STATES, CANADA, FINLAND, NORWAY AND SWEDEN
(Short Tons)

SUMMARY

DESTINATION BY WORLD AREAS

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
NORTH AMERICA												
Kraft Liner	38,877	26,082	46,084	39,429	-	-	-	-	34	-	84,995	65,511
Corrugating	689	645	69,994	42,708	-	-	-	-	-	-	70,683	43,353
*ENLARGED EEC (Community of 9)												
Kraft Liner	596,782	837,889	148,353	206,965	162,173	156,641	9,416	10,406	799,854	752,623	1,716,578	1,964,524
Corrugating	1,445	178	2,280	16,971	144,886	154,114	27,504	25,869	168,901	185,535	345,016	382,667
OTHER WESTERN EUROPE												
Kraft Liner	40,435	80,744	6,819	-	25,239	23,281	36	126	84,262	79,505	156,791	183,656
Corrugating	467	2,592	1,722	8,010	22,174	25,731	19,184	17,721	25,760	22,722	69,307	76,776
TOTAL WESTERN EUROPE												
Kraft Liner	637,217	918,633	155,172	206,965	187,412	179,922	9,452	10,532	884,116	832,128	1,873,369	2,148,180
Corrugating	1,912	2,770	4,002	24,981	167,060	179,845	46,688	43,590	194,661	208,257	414,323	459,443
CENTRAL AMERICA & MEXICO												
Kraft Liner	274,911	337,375	546	-	-	-	-	-	-	-	275,457	337,375
Corrugating	20,222	9,121	28,815	41,853	-	1,175	-	-	-	-	49,037	52,149
CARIBBEAN AND OTHER ISLANDS												
Kraft Liner	47,776	46,117	22,774	24,735	505	657	-	-	-	-	71,055	71,509
Corrugating	10,516	2,625	4,427	4,437	-	-	-	-	-	6	14,943	7,068
SOUTH AMERICA												
Kraft Liner	131,292	130,280	1,421	3,454	256	163	-	-	430	-	133,399	133,897
Corrugating	6,856	2,178	32,343	25,400	-	328	-	-	-	768	39,199	28,674

* Excludes Greece

SUMMARY (continued)

DESTINATION BY WORLD AREAS

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
NEAR AND MIDDLE EAST												
Kraft Liner	127,779	98,613	466	794	9,965	6,364	6	-	30,912	24,233	169,128	130,004
Corrugating	18	3,212	4,181	4,840	29,594	24,308	1,699	665	13,208	15,180	48,700	48,205
AFRICA												
Kraft Liner	185,180	240,555	501	1,791	8,538	9,180	1,001	137	21,355	22,443	216,575	274,106
Corrugating	11,612	4,241	2,446	8,534	19,278	21,332	4,942	3,525	21,446	24,073	59,724	61,705
OCEANIA AND FAR EAST												
Kraft Liner	356,577	410,566	65,048	78,038	2,425	2,200	172	93	8,250	5,411	432,472	496,308
Corrugating	4,912	4,041	7,637	21,897	7,348	6,283	431	-	2,022	1,410	22,350	33,631
U.S.S.R. AND EASTERN EUROPE												
Kraft Liner	-	-	-	-	73,942	62,921	-	-	-	3,840	73,942	66,761
Corrugating	-	-	-	-	-	-	-	170	-	1,779	-	1,949
CHINA, PEOPLE'S REPUBLIC OF												
Kraft Liner	173,878	319,024	3,225	6,089	-	-	-	-	-	5,462	177,103	330,575
Corrugating	9,084	34,051	16,116	26,530	2,195	13,471	-	-	-	-	27,395	74,052
WORLD TOTAL												
Kraft Liner	1,973,487	2,527,245	295,237	361,295	283,043	261,407	10,631	10,762	945,097	893,517	3,507,495	4,054,226
Corrugating	65,821	62,884	169,961	201,180	225,475	246,742	53,760	47,950	231,337	251,473	746,354	810,229

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
TO:												
NORTH AMERICA												
CANADA												
Kraft Liner	38,877	26,082	-	-	-	-	-	-	-	-	38,877	26,082
Corrugating	689	645	-	-	-	-	-	-	-	-	689	645
UNITED STATES												
Kraft Liner	-	-	46,084	39,429	-	-	-	-	34	-	46,118	39,429
Corrugating	-	-	69,994	42,708	-	-	-	-	-	-	69,994	42,708
AREA TOTAL												
Kraft Liner	38,877	26,082	46,084	39,429	-	-	-	-	34	-	84,995	65,511
Corrugating	689	645	69,994	42,708	-	-	-	-	-	-	70,683	43,353
*ENLARGED EEC												
BELGIUM-LUXEMBOURG												
Kraft Liner	8,689	26,282	69,646	80,290	9,160	12,295	-	272	33,383	31,147	120,878	150,286
Corrugating	-	-	-	-	13,297	11,698	7,353	6,217	1,916	6,078	22,566	23,993
DENMARK												
Kraft Liner	1,240	3,556	-	-	9,528	9,185	186	-	52,098	52,779	63,052	65,520
Corrugating	-	-	-	-	13,552	11,479	1,629	1,017	26,083	22,980	41,264	35,476
FRANCE												
Kraft Liner	19,001	58,484	15,127	25,224	23,691	19,012	-	-	193,565	157,217	251,384	259,937
Corrugating	2	30	-	-	30,624	27,392	525	4,256	36,060	35,486	67,211	67,164
GERMANY, FEDERAL REPUBLIC												
Kraft Liner	166,840	242,851	1,901	14,899	40,389	34,953	1,022	1,560	182,576	183,230	392,728	477,493
Corrugating	1,048	114	-	4,980	29,588	32,101	5,423	5,472	20,208	25,923	56,267	68,590
IRELAND												
Kraft Liner	4,184	52	-	-	1,306	5,397	124	28	31,895	24,744	37,509	30,221
Corrugating	-	-	-	-	7	66	23	310	1,032	239	1,062	615

* Excludes Greece

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
TO:												
ITALY												
Kraft Liner	78,528	160,750	-	-	4,610	2,988	-	-	23,164	67,555	106,302	231,293
Corrugating	-	2	-	1,090	6,629	10,235	757	2,446	34,494	35,633	41,880	49,406
NETHERLANDS												
Kraft Liner	50,497	41,233	1,242	4,113	21,675	20,766	442	671	81,959	68,634	155,815	135,417
Corrugating	24	-	-	710	16,183	20,996	2,008	784	17,428	21,713	35,643	44,203
UNITED KINGDOM												
Kraft Liner	267,803	304,681	60,437	82,439	51,814	52,045	7,642	7,875	201,214	167,317	588,910	614,357
Corrugating	371	32	2,280	10,191	35,006	40,147	9,786	5,367	31,680	37,483	79,123	93,220
AREA TOTAL												
Kraft Liner	596,782	837,889	148,353	206,965	162,173	156,641	9,416	10,406	799,854	752,623	1,716,578	1,964,524
Corrugating	1,445	178	2,280	16,971	144,886	154,114	27,504	25,869	168,901	185,535	345,016	382,667
OTHER WESTERN EUROPE												
AUSTRIA												
Kraft Liner	168	1,046	-	-	2,636	1,811	-	49	15,259	12,455	18,063	15,361
Corrugating	-	-	-	-	141	11	-	-	575	455	716	466
CYPRUS												
Kraft Liner	8,999	10,221	143	-	667	1,583	-	-	218	89	10,027	11,893
Corrugating	-	-	624	676	1,800	3,529	-	-	57	-	2,481	4,205
FINLAND												
Kraft Liner	753	2,162	-	-	-	-	-	-	11,290	6,786	12,043	8,948
Corrugating	-	-	-	-	-	-	25	-	43	-	68	-
GREECE												
Kraft Liner	13,828	25,997	-	-	215	218	-	-	9,011	5,431	23,054	31,646
Corrugating	-	-	1,098	3,460	1,077	5,499	4,363	4,461	2,155	-	8,693	13,420

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
ICELAND												
Kraft Liner	28	143	-	-	-	-	-	-	2,165	2,944	2,193	3,087
Corrugating	-	1	-	-	711	690	949	886	-	23	1,660	1,600
MALTA												
Kraft Liner	-	-	-	-	-	-	-	-	-	77	-	77
Corrugating	-	-	-	-	-	-	-	-	-	342	-	342
NORWAY												
Kraft Liner	997	135	-	-	5,874	5,286	-	-	26,622	27,187	33,493	32,608
Corrugating	-	-	-	-	175	-	-	-	16,457	13,088	16,632	13,088
PORTUGAL												
Kraft Liner	21	25	-	-	2	-	-	-	-	-	23	25
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SPAIN												
Kraft Liner	15,119	32,802	-	-	6,666	4,245	-	-	-	1,735	21,785	38,782
Corrugating	467	2,569	-	1,220	16,486	12,168	2,990	2,670	3,878	5,458	23,821	24,085
SWEDEN												
Kraft Liner	187	1	-	-	5,031	4,436	4	-	-	-	5,222	4,437
Corrugating	-	19	-	254	238	289	5,375	4,176	-	-	5,613	4,738
SWITZERLAND												
Kraft Liner	335	8,212	6,676	-	4,148	5,702	32	77	18,041	20,120	29,232	34,111
Corrugating	-	3	-	2,400	1,546	3,545	5,482	5,528	2,595	3,356	9,623	14,832
YUGOSLAVIA												
Kraft Liner	-	-	-	-	-	-	-	-	1,656	2,681	1,656	2,681
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
AREA TOTAL												
Kraft Liner	40,435	80,744	6,819	-	25,239	23,281	36	126	84,262	79,505	156,791	183,656
Corrugating	467	2,592	1,722	8,010	22,174	25,731	19,184	17,721	25,760	22,722	69,307	76,776
TOTAL WEST EUROPE												
Kraft Liner	637,217	918,633	155,172	206,965	187,412	179,922	9,452	10,532	884,116	832,128	1,873,369	2,148,180
Corrugating	1,912	2,770	4,002	24,981	167,060	179,845	46,688	43,590	194,661	208,257	414,323	459,443
CENTRAL AMERICA AND MEXICO												
BELIZE												
Kraft Liner	-	20	-	-	-	-	-	-	-	-	-	20
Corrugating	1	-	-	-	-	-	-	-	-	-	1	-
COSTA RICA												
Kraft Liner	84,699	88,398	-	-	-	-	-	-	-	-	84,699	88,398
Corrugating	10,213	3,398	4,734	7,769	-		-	-	-	-	14,947	11,167
EL SALVADOR												
Kraft Liner	15,383	19,186	-	-	-	-	-	-	-	-	15,383	19,186
Corrugating	4	681	-	-	-	1,175	-	-	-	-	4	1,856
GUATEMALA												
Kraft Liner	38,593	46,887	-	-	-	-	-	-	-	-	38,593	46,887
Corrugating	26	2,767	-	-	-	-	-	-	-	-	26	2,767

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
HONDURAS												
Kraft Liner	64,659	85,864	-	-	-	-	-	-	-	-	64,659	85,864
Corrugating	9,674	1,875	13,945	26,284	-	-	-	-	-	-	23,619	28,159
MEXICO												
Kraft Liner	22,650	32,034	546	-	-	-	-	-	-	-	23,196	32,034
Corrugating	271	391	-	-	-	-	-	-	-	-	271	391
NICARAGUA												
Kraft Liner	2	153	-	-	-	-	-	-	-	-	2	153
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
PANAMA												
Kraft Liner	48,925	64,833	-	-	-	-	-	-	-	-	48,925	64,833
Corrugating	33	9	10,136	7,800	-	-	-	-	-	-	10,169	7,809
AREA TOTAL												
Kraft Liner	274,911	337,375	546	-	-	-	-	-	-	-	275,457	337,375
Corrugating	20,222	9,121	28,815	41,853	-	1,175	-	-	-	-	49,037	52,149
CARIBBEAN AND OTHER ISLANDS												
BAHAMAS												
Kraft Liner	-	12	-	-	-	-	-	-	-	-	-	12
Corrugating	-	2	-	-	-	-	-	-	-	-	-	2
BARBADOS												
Kraft Liner	139	20	-	-	-	-	-	-	-	-	139	20
Corrugating	36	4	-	-	-	-	-	-	-	-	36	4

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

FROM: / TO:	UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
BERMUDA												
Kraft Liner	3	2	-	-	-	-	-	-	-	-	3	2
Corrugating	-	-	-	421	-	-	-	-	-	-	-	421
CUBA												
Kraft Liner	-	-	22,746	24,735	505	657	-	-	-		23,251	25,392
Corrugating	-	-	1,100	2,751	-	-	-	-	-	-	1,100	2,751
DOMINICAN REPUBLIC												
Kraft Liner	4,224	11,861	-	-	-	-	-	-	-	-	4,224	11,861
Corrugating	-	-	29	-	-	-	-	-	-	-	29	-
FRENCH WEST INDIES												
Kraft Liner	18,073	6,739	-	-	-	-	-	-	-	-	18,073	6,739
Corrugating	5,998	-	-	-	-	-	-	-	-	-	5,998	-
HAITI												
Kraft Liner	-	66	-	-	-	-	-	-	-	-	-	66
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
JAMAICA												
Kraft Liner	6,585	5,948	28	-	-	-	-	-	-	-	6,613	5,948
Corrugating	208	-	476	-	-	-	-	-	-	6	684	6
LEEWARD/WINDWARD ISLANDS												
Kraft Liner	10,752	8,953	-	-	-	-	-	-	-	-	10,752	8,953
Corrugating	4,268	2,590	-	-	-	-	-	-	-	-	4,268	2,590
NETHERLANDS ANTILLES												
Kraft Liner	221	509	-	-	-	-	-	-	-	-	221	509
Corrugating	6	3	-	-	-	-	-	-	-	-	6	3

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
TRINIDAD AND TOBAGO												
Kraft Liner	7,779	12,007	-	-	-	-	-	-	-	-	7,779	12,007
Corrugating	-	26	2,822	1,265	-	-	-	-	-	-	2,822	1,291
AREA TOTAL												
Kraft Liner	47,776	46,117	22,774	24,735	505	657	-	-	-	-	71,055	71,509
Corrugating	10,516	2,625	4,427	4,437	-	-	-	-	-	6	14,943	7,068
SOUTH AMERICA												
ARGENTINA												
Kraft Liner	4,547	5,418	-	1,045	256	163	-	-	-	-	4,803	6,626
Corrugating	-	3	-	-	-	328	-	-	-	768	-	1,099
BOLIVIA												
Kraft Liner	76	-	906	1,716	-	-	-	-	430	-	1,412	1,716
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
BRAZIL												
Kraft Liner	-	101	-	-	-	-	-	-	-	-	-	101
Corrugating	-	18	-	-	-	-	-	-	-	-	-	18
CHILE												
Kraft Liner	101	881	342	660	-	-	-	-	-	-	443	1,541
Corrugating	-	-	-	544	-	-	-	-	-	-	-	544
COLOMBIA												
Kraft Liner	70,876	55,549	-	-	-	-	-	-	-	-	70,876	55,549
Corrugating	-	1	4,717	2,396	-	-	-	-	-	-	4,717	2,397

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
ECUADOR												
Kraft Liner	42,277	49,132	-	-	-	-	-	-	-	-	42,277	49,132
Corrugating	6,528	2,153	27,453	22,460	-	-	-	-	-	-	33,981	24,613
GUYANA												
Kraft Liner	71	75	-	-	-	-	-	-	-	-	71	75
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
PARAGUAY												
Kraft Liner	23	-	-	-	-	-	-	-	-	-	23	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
PERU												
Kraft Liner	4,268	5,242	173	33	-	-	-	-	-	-	4,441	5,275
Corrugating	326	-	173	-	-	-	-	-	-	-	499	-
SURINAM												
Kraft Liner	-	1,586	-	-	-	-	-	-	-	-	-	1,586
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
URUGUAY												
Kraft Liner	32	86	-	-	-	-	-	-	-	-	32	86
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
VENEZUELA												
Kraft Liner	9,021	12,210	-	-	-	-	-	-	-	-	9,021	12,210
Corrugating	2	3	-	-	-	-	-	-	-	-	2	3
AREA TOTAL (S.A.)												
Kraft Liner	131,292	130,280	1,421	3,454	256	163	-	-	430	-	133,399	133,897
Corrugating	6,856	2,178	32,343	25,400	-	328	-	-	-	768	39,199	28,674

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
NEAR AND MIDDLE EAST												
IRAN												
Kraft Liner	-	-	-	-	2,553	3,077	-	-	13,414	19,318	15,967	22,395
Corrugating	-	-	-	3,284	8,802	8,785	1,095	439	3,234	11,674	13,131	24,182
IRAQ												
Kraft Liner	-	-	-	-	109	-	-	-	2,016	659	2,125	659
Corrugating	-	-	-	-	820	-	-	-	-	-	820	-
ISRAEL												
Kraft Liner	80,256	54,792	-	-	3,412	2,515	-	-	1,749	-	85,417	57,307
Corrugating	1	264	-	-	15,061	9,407	108	-	-	-	15,170	9,671
JORDAN												
Kraft Liner	5,004	3,887	-	-	-	215	6	-	1,108	-	6,118	4,102
Corrugating	15	-	-	-	-	-		-	-	-	15	-
KUWAIT												
Kraft Liner	1,423	2,349	444	265	-	-	-	-	289	-	2,156	2,614
Corrugating	-	-	583	-	-	-	-	-	572	-	1,155	-
LEBANON												
Kraft Liner	16,825	24,818	-	-	2,777	53	-	-	4,948	3,517	24,550	28,388
Corrugating	-	-	-	979	3,925	4,464	-	-	4,802	2,569	8,727	8,012
OMAN												
Kraft Liner	48	-	-	-	-	-	-	-	-	-	48	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SAUDI ARABIA												
Kraft Liner	14,918	10,532	22	529	-	-	-	-	1,536	215	16,476	11,276
Corrugating	0	2	2,160	577	509	1,203	-	-	3,670	875	6,339	2,657

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
TO:	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
SYRIA												
Kraft Liner	3,452	1,452	-	-	-	-	-	-	2,344	-	5,796	1,452
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
TURKEY												
Kraft Liner	5,714	-	-	-	-	-	-	-	-	-	5,714	-
Corrugating	-	-	1,438	-	-	-	-	-	-	-	1,438	-
UNITED ARAB EMIRATES												
Kraft Liner	139	427	-	-	1,114	504	-	-	1,857	-	3,110	931
Corrugating	2	2,946	-	-	477	449	-	-	562	62	1,041	3,457
YEMEN												
Kraft Liner	-	356	-	-	-	-	-	-	1,651	524	1,651	880
Corrugating	-	-	-	-	-	-	496	226	368	-	864	226
AREA TOTAL												
Kraft Liner	127,779	98,613	466	794	9,965	6,364	6	-	30,912	24,233	169,128	130,004
Corrugating	18	3,212	4,181	4,840	29,594	24,308	1,699	665	13,208	15,180	48,700	48,205
AFRICA												
ALGERIA												
Kraft Liner	-	-	-	-	-	-	-	-	1,049	-	1,049	-
Corrugating	-	-	1	-	-	827	-	-	-	-	1	827
ANGOLA												
Kraft Liner	-	7,174	-	-	-	-	-	-	-	-	-	7,174
Corrugating	-	-	-	-	-	-	-	-	-	596	-	596
BENIN												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	89	-	89	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
CAMEROON												
Kraft Liner	8,455	9,895	-	-	33	63	-	-	-	429	8,488	10,387
Corrugating	-	-	-	-	2,871	1,444	-	-	258	1,012	3,129	2,456
CANARY ISLANDS												
Kraft Liner	36,113	36,425	-	-	-	-	-	-	-	-	36,113	36,425
Corrugating	6,986	2,819	-	-	-	-	-	-	-	-	6,986	2,819
DAHOMEY												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
EGYPT												
Kraft Liner	31,287	56,313	-	-	2,029	227	39	-	-	1,211	33,355	57,751
Corrugating	3,338	-	-	3,709	3,553	729	-	-	-	-	6,891	4,438
ETHIOPIA												
Kraft Liner	-	-	-	-	-	-	-	-	712	1,213	712	1,213
Corrugating	-	-	-	-	-	794	-	-	1,200	795	1,200	1,589
GHANA												
Kraft Liner	-	952	-	-	-	-	962	-	-	658	962	1,610
Corrugating	-	-	-	-	-	771	-	-	678	429	678	1,200
GUINEA												
Kraft Liner	-	-	-	-	-	-	-	6	-	-	-	6
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
IVORY COAST												
Kraft Liner	23,033	23,141	-	-	1,270	1,172	-	-	829	374	25,132	24,687
Corrugating	-	-	-	-	5,428	3,337	2,802	2,212	4,859	6,140	13,089	11,689

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
KENYA												
Kraft Liner	-	680	-	-	-	-	-	-	-	-	-	680
Corrugating	-	-	-	-	-	1,479	-	-	655	1,047	655	2,526
LIBERIA												
Kraft Liner	52	-	-	-	-	-	-	-	-	-	52	-
Corrugating	-	2	-	-	-	-	-	-	-	-	-	2
LIBYA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	2	-	-	-	-	-	-	-	-	-	2
MADAGASCAR												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	250	-	250
MALAWI												
Kraft Liner	573	752	-	-	-	-	-	-	344	117	917	869
Corrugating	-	-	-	-	-	-	68	-	71	-	139	-
MALI												
Kraft Liner	-	-	-	-	95	55	-	-	-	-	95	55
Corrugating	-	-	-	-	43	214	-	-	-	-	43	214
MOROCCO												
Kraft Liner	2,835	3,505	-	-	1,749	2,181	-	-	9,330	11,098	13,914	16,784
Corrugating	-	-	-	-	2,825	5,100	-	-	4,974	6,497	7,799	11,597
MOZAMBIQUE												
Kraft Liner	-	2,744	83	-	-	-	-	-	-	-	83	2,744
Corrugating	-	-	845	-	-	-	-	-	-	57	845	57
NIGER												
Kraft Liner	870	494	-	-	-	-	-	-	-	-	870	494
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
NIGERIA												
Kraft Liner	50,911	60,573	418	1,791	-	3,146	-	131	1,949	597	53,278	66,238
Corrugating	688	387	1,600	4,553	1,681	4,195	955	554	5,647	3,264	10,571	12,953
SENEGAL												
Kraft Liner	2,223	3,555	-	-	185	182	-	-	1,037	1,071	3,445	4,808
Corrugating	-	-	-	-	247	26	-	-	437	1,132	684	1,158
SIERRA LEONE												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
SOMALIA												
Kraft Liner	1,097	-	-	-	-	-	-	-	-	1,043	1,907	1,043
Corrugating	-	-	-	-	-	-	-	-	-	594	-	594
SOUTH AFRICA												
Kraft Liner	22,867	30,852	-	-	519	1,303	-	-	-	-	23,386	32,155
Corrugating	3	-	-	-	-	-	-	-	-	-	3	-
SUDAN												
Kraft Liner	1,790	37	-	-	1,063	121	-	-	595	184	3,448	342
Corrugating	597	-	-	272	911	-	-	85	667	669	2,175	1,026
TANZANIA												
Kraft Liner	-	725	-	-	-	179	-	-	1,029	266	1,029	1,170
Corrugating	-	-	-	-	186	227	-	115	245	1,280	431	1,622
TOGO												
Kraft Liner	291	6	-	-	-	-	-	-	-	-	291	6
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
TUNISIA												
Kraft Liner	534	2,656	-	-	1,595	-	-	-	4,481	3,909	6,610	6,565
Corrugating	-	1,031	-	-	1,533	2,189	1,117	559	1,622	173	4,272	3,952
UGANDA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
ZAIRE												
Kraft Liner	-	76	-	-	-	-	-	-	-	273	-	349
Corrugating	-	-	-	-	-	-	-	-	44	138	44	138
ZAMBIA												
Kraft Liner	-	-	-	-	-	551	-	-	-	-	-	551
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
ZIMBABWE												
Kraft Liner	1,439	-	-	-	-	-	-	-	-	-	1,439	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
AREA TOTAL												
Kraft Liner	185,180	240,555	501	1,791	8,538	9,180	1,001	137	21,355	22,443	216,575	274,106
Corrugating	11,612	4,241	2,446	8,534	19,278	21,332	4,942	3,525	21,446	24,073	59,724	61,705

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
TO:												
OCEANIA AND FAR EAST												
AFGHANISTAN												
Kraft Liner	-	-	-	-	385	-	-	-	1,299	164	1,684	164
Corrugating	-	-	-	-		-	-	-	606	1,197	606	1,197
AUSTRALIA AND NEW ZEALAND												
Kraft Liner	14,055	6,436	-	-	1,112	1,243	-	-	8	3	15,175	7,682
Corrugating	70	128	-	-	1,536	1,771	-	-	-	2	1,606	1,901
BANGLADESH												
Kraft Liner	156	-	-	-	-	-	-	-	-	-	156	-
Corrugating	-	-	-	-	-	-	-	-	55	-	55	-
BRUNEI												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	25	-	25
CHINA, REPUBLIC OF (TAIWAN)												
Kraft Liner	10,883	15,799	109	874	-	-	-	-	-	-	10,992	16,673
Corrugating	-	58	-	-	-	-	-	-	-	-	-	58
FRENCH PACIFIC ISLANDS												
Kraft Liner	12	20	-	-	-	-	-	-	-	-	12	20
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
HONG KONG												
Kraft Liner	61,677	58,882	3,048	11,700	-	-	-	-	240	-	64,965	70,582
Corrugating	6	1	1,737	8,651	-	88	-	-	-	17	1,743	8,757
INDIA												
Kraft Liner	378	-	-	-	-	11	-	-	-	-	378	11
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

TO:	FROM: UNITED STATES 1981	UNITED STATES 1980	CANADA 1981	CANADA 1980	FINLAND 1981	FINLAND 1980	NORWAY 1981	NORWAY 1980	SWEDEN 1981	SWEDEN 1980	TOTAL 1981	TOTAL 1980
INDONESIA												
Kraft Liner	12,343	35,037	5,853	6,863	54	398	-	-	-	-	18,250	42,298
Corrugating	2,626	2,705	890	4,436	4,457	2,123	-	-	1,060	-	9,033	9,264
JAPAN												
Kraft Liner	125,888	162,348	43,996	43,792	-	-	-	-	-	3	169,884	206,143
Corrugating	866	254	-	26	844	546	-	-	206	-	1,916	826
KOREA, REPUBLIC OF												
Kraft Liner	14,049	14,489	2,602	599	-	-	-	-	-	-	16,651	15,088
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
MALAYSIA												
Kraft Liner	26,967	30,897	1,919	4,117	-	55	-	47	-	-	28,886	35,116
Corrugating	751	361	737	947	511	461	95	-	-	-	2,094	1,769
PAKISTAN												
Kraft Liner	1,016	595	-	103	-	-	85	-	315	308	1,416	1,006
Corrugating	-	-	-	-	-	-	-	-	56	55	56	55
PHILIPPINES												
Kraft Liner	50,829	46,750	149	-	-	-	-	-	-	-	50,978	46,750
Corrugating	369	95	3,674	251	-	-	-	-	-	-	4,043	346
SINGAPORE												
Kraft Liner	36,556	37,623	7,372	9,990	874	493	54	46	343	-	45,199	48,152
Corrugating	224	439	599	7,586	-	1,252	336	-	-	-	1,159	9,277
SRI LANKA (CEYLON)												
Kraft Liner	655	8	-	-	-	-	33	-	1,911	357	2,599	365
Corrugating	-	-	-	-	-	42	-	-	39	114	39	156

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
TO:												
THAILAND												
Kraft Liner	1,038	814	-	-	-	-	-	-	430	-	1,468	814
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
TONGA												
Kraft Liner	-	868	-	-	-	-	-	-	-	-	-	868
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
TRUST PACIFIC ISLANDS												
Kraft Liner	26	-	-	-	-	-	-	-	-	-	26	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
OTHER PACIFIC ISLANDS												
Kraft Liner	49	-	-	-	-	-	-	-	-	-	49	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
VIETNAM												
Kraft Liner	-	-	-	-	-	-	-	-	3,704	4,576	3,704	4,576
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL AREA												
Kraft Liner	356,577	410,566	65,048	78,038	2,425	2,200	172	93	8,250	5,411	432,472	496,308
Corrugating	4,912	4,041	7,637	21,897	7,348	6,283	431	-	2,022	1,410	22,350	33,631
U.S.S.R. AND EASTERN EUROPE												
ALBANIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	541	-	541
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
BULGARIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-

DESTINATION BY WORLD AREAS AND INDIVIDUAL COUNTRIES (continued)

	FROM: UNITED STATES		CANADA		FINLAND		NORWAY		SWEDEN		TOTAL	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
TO:												
CZECHOSLOVAKIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	44	-	44
Corrugating	-	-	-	-	-	-	-	170	-	40	-	210
GERMANY, DEMOCRATIC REPUBLIC												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	1,739	-	1,739
HUNGARY												
Kraft Liner	-	-	-	-	2,018	1,689	-	-	-	-	2,018	1,689
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
POLAND												
Kraft Liner	-	-	-	-	-	-	-	-	-	3,255	-	3,255
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
ROMANIA												
Kraft Liner	-	-	-	-	-	-	-	-	-	-	-	-
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
U.S.S.R.												
Kraft Liner	-	-	-	-	71,924	61,232	-	-	-	-	71,924	61,232
Corrugating	-	-	-	-	-	-	-	-	-	-	-	-
AREA TOTAL												
Kraft Liner	-	-	-	-	73,942	62,921	-	-	-	3,840	73,942	66,761
Corrugating	-	-	-	-	-	-	-	170	-	1,779	-	1,949
CHINA, PEOPLE'S REPUBLIC OF												
Kraft Liner	173,878	319,024	3,225	6,089	-	-	-	-	-	5,462	177,103	330,575
Corrugating	9,084	34,051	16,116	26,530	2,195	13,471	-	-	-	-	27,395	74,052

SOURCES: U.S. Department of Commerce, Bureau of Census
Canadian Pulp and Paper Association
Central Association of Finnish Forest Industries
Norwegian Papermakers' Association
Swedish Pulp and Paper Association

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